

CLAIM(S) :

1. A recording medium playback apparatus comprising:

a main body;

a clamp unit clamping a recording medium to be received in the
5 main body and rotating the recording medium;

a lock unit movable between a lock position, in which the clamp unit is locked to the main body, and a unlock position, in which the clamp unit is made movable against the main body; and

a clamp lock/unlock unit limiting to unlock clamping by the clamp
10 unit when the lock unit is positioned in the unlock position, and allowing to unlock clamping by the clamp unit when the lock unit is positioned in the lock position.

2. The recording medium playback apparatus according to claim 1, wherein the clamp unit comprises:

15 a turntable positioning the recording medium on a surface thereof, and clamping the recording medium positioned on the surface, and rotating together with the recording medium; and

a pick-up unit provided to move freely between an unclamp position, in which clamping the medium on the turntable is unlocked,
20 and a playback position, in which the recording medium is clamped on the turntable and information on the recording medium is played back,

wherein the clamp lock/unlock unit limits the pick-up unit to move to the unclamp position when the lock unit is positioned in
25 the unlock position, and allows the pick-up unit to move to the unclamp position when the lock unit is positioned in the lock

position.

3. The recording medium playback apparatus according to claim 2, wherein the clamp lock/unlock unit comprises:

5 a cutout formed by cutting out between an end of the pick-up unit, close to the turntable, and an inner edge of the pick-up unit; and

10 a rotating member provided rotatably on the main body to move an end portion of the rotating member between a condition, in which the end portion can penetrate into the cutout of the pick-up unit positioned in the playback position, and another condition, in which the end portion moves out of the cutout of the pick-up unit positioned in the playback position,

15 wherein the end portion of the rotating member penetrates into the cutout of the pick-up unit positioned in the playback position when the lock unit is positioned in the unlock position, and the other end portion of the rotating member is pushed by the lock unit in a direction of that the one end portion moves out of the cutout, and the end portion of the rotating member moves out of the cutout of the pick-up unit positioned in the playback position.

20 4. The recording medium playback apparatus according to claim 3, wherein the clamp unit comprises:

a movable member provided movable along a direction perpendicular to a surface of the turntable and biased to move close to the turntable;

25 an extract/retract member provided between the turntable and the movable member, an end of the extract/retract member projecting

from the surface when the movable member moves close to the turntable and retracting under the surface when the movable member moves apart from the turntable,

wherein the pick-up unit is provided with a first insert portion
5 to penetrate between the turntable and the movable member when the pick-up unit moves from the playback position to the unclamp position,

wherein the other end portion of the rotating member is provided with a second insert portion to penetrate between the turntable and
10 the movable member when the pick-up unit moves from the playback position to the unclamp position,

wherein the first insert portion and the second insert portion penetrate between the turntable and the movable member and the one end of the extract/retract member retracts under the surface of the
15 turntable when the pick-up unit is in the unclamp position, and the first insert portion and the second insert portion move out of a gap between the turntable and the movable member and the one end of the extract/retract member projects from the surface of the turntable when the pick-up unit is in the playback position.